

STRUCTURE FOR WATER CONTROL

DESIGN AND CHECK DATA REQUIREMENTS

The following items must be addressed in the design folder for the Structure for Water Control.

Survey Record

1. Sketch of planned work.
2. Profile along the proposed centerline(s) of conduits or channels.
3. Cross sections as needed.

Design Record

1. Documented compliance with Pennsylvania One Call.
2. Describe method of debris removal and disposal.
3. Location sketch of job and work.
4. Plot of ground surface profile and proposed grade.
5. Quantity computations when needed.
6. Capacity and size requirements for underground outlet(s).
7. E&S Control Plan.
8. Identify spoil area if appropriate.
9. Vegetation Plan.
10. O&M Plan.
11. Identify permit needs, where applicable.

Check Data Record

- 1) Extent of completed work(as built drawings).
- 2) Dimensions of pipelines, water level control structures, and other appurtenances.
- 3) Minimum cover and grade lines for underground conduits.
- 4) Details of trash and/or animal guards, if installed.
- 5) Establishment of vegetation when required by specification.